

# NEWSLETTER ŚRUTI

Volume.11, Issue.1,  
January-2024



**BVRIT HYDERABAD College of Engineering  
for Women  
(Autonomous)**

**Department of Electronics and Communication  
Engineering**



## About the Department

The Department of ECE was established in the year 2012 with an intake of 60, and could procure extension of intake to 120 from the academic year 2014-15. The department is supported by well experienced Faculty who are diversified in various domains like Communications, Signal Processing, VLSI and Embedded systems. Dr.Anwar Bhasha Pattan is heading the department since from 15th June 2020 and he has 15+ years of teaching experience and his area of interest is VLSI and Embedded Systems. Labs are well equipped and established not only to serve the purpose of the prescribed curriculum but also to take up innovative projects by the students to meet the societal needs. Students are greatly encouraged to participate in various Hackathons throughout the country. Department is accredited by NBA in 2018 for three years and reaccredited in 2022 for three more years college was accredited by NAAC with 'A' grade, ranked 201-250 in NIRF-2021 and Band Promising in ARIIA 2021.





TO EMERGE AS A CENTRE OF ACADEMIC AND RESEARCH EXCELLENCE IN ELECTRONICS AND COMMUNICATION ENGINEERING AND CREATE GLOBALLY COMPETENT WOMEN TECHNOCRATS WITH A HIGH DEGREE OF SOCIAL CONSCIOUSNESS IN A HOLISTIC LEARNING ENVIRONMENT.

To provide quality education to the students with emphasis on training related to latest technologies as per industrial needs.

To impart research culture, professional ethics and moral values to the students by committed and competent faculty striving for excellence

To inculcate a perceptive alacrity in students to identify real life problems, formulate strategies and evolve into contextually effective solutions.



## MISSION

## Program Specific Outcomes (PSOs)

*The graduates of this program will be able to*

**PSO-1:** Provide optimized solutions for digital, signal processing and communication systems.

**PSO-2:** Develop compact, energy efficient and low cost products to assist the differently abled people.

# Program Educational Objectives (PEOs)

After three to six years of graduation, the graduates of this programme will be able to

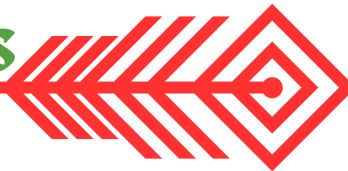
PEO-1: Excel in contemporary problem solving in Electronics and Communication Engineering and the allied fields through the knowledge-based provided by the program.

PEO-2: Demonstrate their technical, communication and leadership skills in professional environment or as entrepreneurs with social responsibility.

PEO-3: Analyse the latest issues and technology growth in the field of Electronics and Communication Engineering and update their knowledge and skills accordingly through continuous learning.

PEO-4: Demonstrate ethical and human values in multicultural and multidisciplinary environments.

## COLLEGE ACHIEVEMENTS



BVRIT HYDERABAD RANKED 165 IN WEEK HANSA SURVEY BEST COLLEGES OF INDIA 2023.

NDLI CLUB OF BVRIT HYDERABAD COLLEGE OF ENGINEERING WAS RECOGNIZED AS ONE OF THE TOP 10 AND SECURED 3RD POSITION IN THE COUNTRY.

DEPARTMENT OF ECE HAS ESTABLISHED INDUSTRY SPONSORED LAB WITH SYNOPSIS AND DEPARTMENT OF EEE HAS ESTABLISHED INDUSTRY SPONSORED LAB WITH MG MOTORS.

BVRIT HYDERABAD RANKED 132 IN INDIA TODAY COLLEGE RANKINGS 2023. IIC BVRITH GOT 3.5-STAR RATING IN IIC 5.0

BVRITH-DEPARTMENTS OF EEE AND ECE, RECEIVED CERTIFICATE OF APPRECIATION FOR SUCCESSFULLY MEETING THE STANDARDS AND INTEGRATING MATLAB AND SIMULINK PRODUCT FAMILY INTO CURRICULUM AND STUDENT PROJECTS. THE TEAM FROM MATHWORKS PRESENTED THE AWARD.

BVRIT HYDERABAD HAS BEEN ADJUDGED AS A RECIPIENT OF THE IEI ENGINEERING EDUCATION EXCELLENCE (GOLD) AWARD 2023 IN THE CATEGORY BEST WOMEN ENGINEERING INSTITUTION / COLLEGE.

## »» FACULTY ACHIEVEMENTS

1. Dr. Anwar Bhasha Pattan scored best and in the top 5% in NPTEL “Problem Solving through Programming in C” course.

2. Ms. G. Ramalakshmi scored best and in the top 2% in NPTEL “Introduction To Industry 4.0 And Industrial Internet Of Things” course.

3. Dr.V. Santhosh Kumar Acted as a Session chair for the 3rd International Conference on Computational Electronics for Wireless Communications (ICCWC-2023) organized by NIT Jalandhar on 22nd December 2023 for the Signal Processing Track.

4. Dr.M. Ranjeeth and Dr. R.Viswanadham Acted as a Session chair for the 3rd International Conference on Computational Electronics for Wireless Communications (ICCWC-2023) organized by NIT Jalandhar on 23rd December 2023 for the Signal Processing Track.

5. Mr. T. Pardhu acted as a resource person for the workshop on “Introduction to Embedded systems using STM-32 boards” organized by VEDIC Bangalore from 2nd to 4th December 2023.

6. Mr. Sai Kumar Tara

i. Chief Guest for IEEE Anantapur Subsection Zonal Congress Umang 2023 on 25th November 2023 at RGM College of Engineering and Technology.

ii. Delivered a webinar on “AI based on sensors for Next Generation IOT Applications” on 21st November 2023 at IEEE RGM CET SB.

iii. Delivered a talk on “Significance of IEEE Membership and its importance” at Nalla Malla Reddy Engineering College on 17th November 2023 under IEEE NMREC SB.

iv. Chief Guest for A National Level Symposium “Spyro 5.0” under IEEE VCE SB on 04th November 2023 at Vaagdevi College of Engineering, Warangal.



# EVENTS CONDUCTED

WORKSHOP ON INTERNET OF THINGS

AUGUST. 18-22, 2023

The "Workshop on Internet of Things" is a comprehensive and interactive event aimed at introducing participants to the exciting world of IoT technology. The workshop provided attendees with a deep dive into the fundamental concepts, hands-on experiences, and practical applications of IoT.

## A WORKSHOP ON IOT UNDER IIC

Co-ordinators:

Dr. Anwar Bhasha Pattan

Dr. Vishwanadham Ravuri

Mr. R. Priyakanth

Mr. N.M. Sai Krishna



# EVENTS CONDUCTED

TECHNOMORPHIC INDIA BY 2047

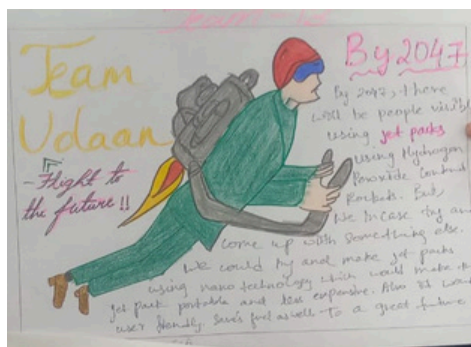
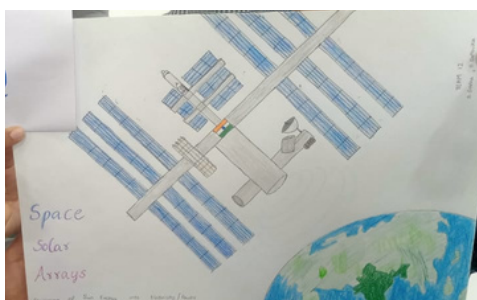
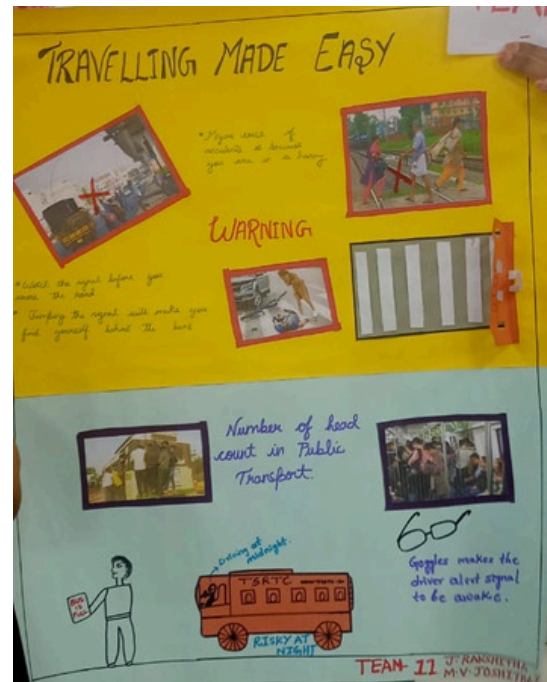
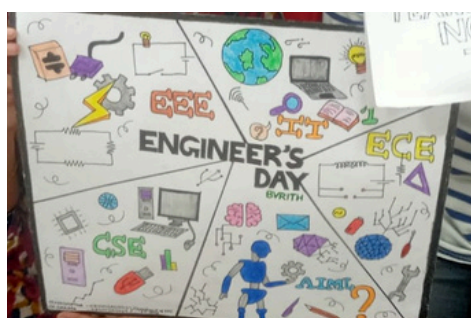
SEPT. 15, 2023



## POSTER PRESENTATION UNDER ISTE

Co-ordinators:  
 Dr. M. Parvathi  
 Ms. T. Amy Prasanna

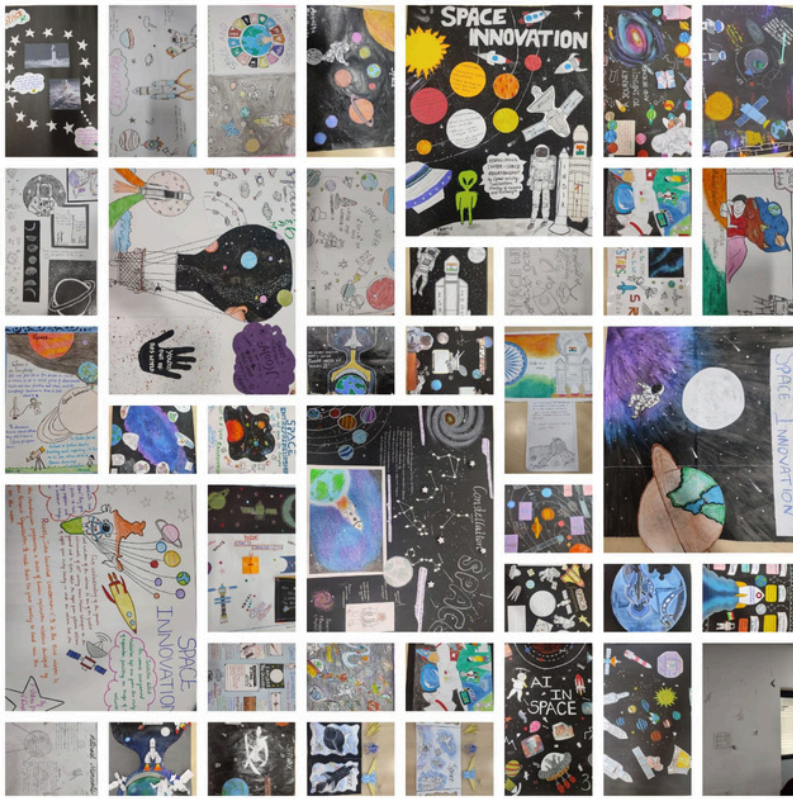
Technomorphic INDIA by 2047 event is poster or model making presentation, in which the participants focus on how INDIA will take a new shape with new technologies by the year of 2047.



# EVENTS CONDUCTED

MODEL MAKING & POSTER MAKING

OCT. 07, 2023



## SPACE TECHNOLOGY, SPACE EQUIPMENT & SPACE INNOVATIONS UNDER IETE & IIC

Co-ordinators:

Dr. J. Naga Vishnu Vardhan

Dr. V. Santhosh Kumar



ON THE OCCASION OF SPACE WEEK CELEBRATIONS, DEPT. OF ECE, BVRIT HYDERABAD COLLEGE OF ENGINEERING FOR WOMEN (AUTONOMOUS) CONDUCTED A GUEST LECTURE ON "NEW SPACE ECONOMY -READINESS" ON 10TH OCTOBER 2023. MR. AVINASH, VICE-PRESIDENT, UNIVERSITY SPACE MISSIONS, DHRUVA SPACE PVT. LTD WAS INVITED AS THE RESOURCE PERSON.



# EVENTS CONDUCTED

NEW SPACE ECONOMY - READINESS

OCT. 10, 2023



## A GUEST LECTURE BY MR.M.AVINASH

Vice-President, University Space Missions, Dhruva Space Pvt. Ltd, Hyderabad.

Co-ordinators:

Dr. J. Naga Vishnu Vardhan

Dr. V. Santhosh Kumar





# EVENTS CONDUCTED

E-NUMAISH

OCT. 17, 2023

**A PROTOTYPE/  
INNOVATION PROJECT  
EXPO**

**IN ASSOCIATION WITH  
IIC, ELECTROLITZ**

Co-ordinators:  
Mr. T. Saikumar  
Ms. G. Rama Lakshmi



In the Technical event “E-Numaish” conducted in association with IIC, Electrolitz, and IEEE BVRITH SB, a total of 16 teams have participated in the events. Prototype & Innovation Project Expo.



# EVENTS CONDUCTED

IDPD - 2024

OCT. 17, 2023

## INTERNATIONAL DAY OF PEOPLE WITH DISABILITIES

Co-ordinators:

Dr. Vishwanadham Ravuri

Mr. R. Priyakanth

Mr. N.M. Sai Krishna



BVRITH hosted a remarkable Assisive Technology Project Showcase in celebration of the International Day of People with Disabilities. The event aimed to raise awareness, inspire innovation, and highlight the transformative impact of assisive technologies on the lives of individuals with disabilities.



# EVENTS CONDUCTED

## Anti Ragging Week

### LOGO DESIGN COMPETITION

On the occasion of Anti Ragging Day on 12th August followed by Anti Ragging Week from 12th - 18th August, BVRITH conducted an event "Logo Design competition" on 18.08.2023.

Co-ordinator: Ms.K.Brunda Devi



# EVENTS CONDUCTED



**Vegetable Carving**  
**Co-ordinator:**  
**Ms.K.Brunda Devi**

Vegetable Carving activity conducted on 14th October 2023 for II year students of all branches for the Academic Year 2023-24 under the Finearts Club. Students are actively participated and shown their skills in preparing the models with Vegetables.



# EVENTS CONDUCTED



## Christmas Day Celebrations



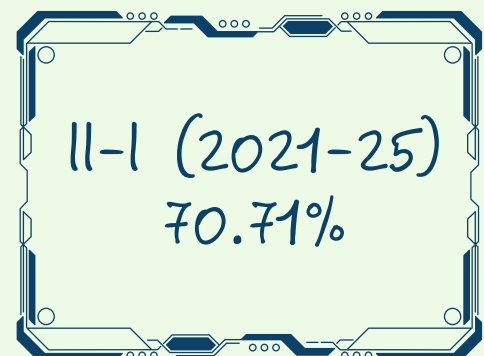
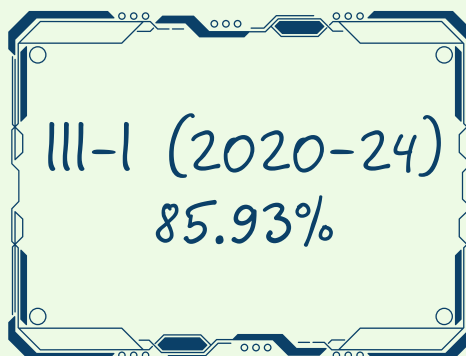
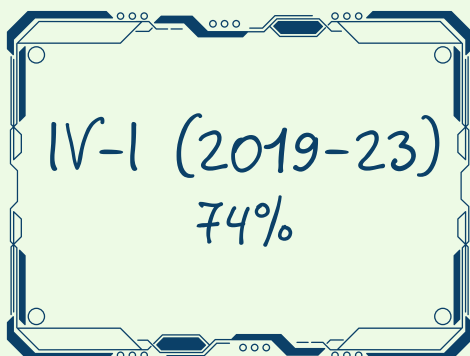
## STUDENT ACHIEVEMENTS

Ms.J.Hemasree and Sehaba Banu Shaik were sanctioned Rs.1 Lakh grant and UG fellowship award with a monthly stipend of Rs.5000/- from IITI DRISHTI CPS Foundation, IIT Indore and Rs.1 Lakh from IITH BUILD program for the project "Gait Revive – Beyond the Walk".

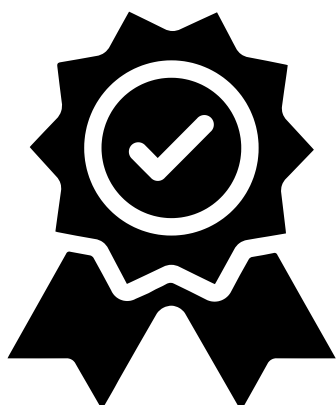
The project "Gait Revive" in Take off competition held in Delhi conducted by UPES and Runway incubator has won Second prize with cash Rs.1.5 Lakh. This is presented by the student Team, J.Hemasree and Sehaba Banu Shaik on 20th July 2023.

The Project from ECE "GAIT REVIVE" led by J.Hemasree, Sehaba Banu Shaik got shortlisted as one of the 75 winners of IITH BUILD Program with Rs.1 Lakh Grant.

## RESULT ANALYSIS (A.Y.2022-23)



# YEAR WISE TOPPERS



## IV YEAR – I SEM (2019-23)

Roll Number	Name	CGPA	Rank
19WH1A0470	K Akanksha	8.76	1
19WH1A0419	K Lakshmi Deepika	8.29	2
19WH1A0424	G Gayatri	8.24	3
19WH1A0404	R Akshitha	8.19	4
19WH1A04A0	K Swathi	8.10	5

## III YEAR – I SEM (2020-24)

Roll Number	Name	CGPA	Rank
20WH1A0461	K Varshitha	8.05	1
20WH1A0474	B Sneha	8.05	1
20WH1A0441	M Devi Suma Sri	7.95	2
20WH1A0401	D Kavya Sri	7.91	3
20WH1A0437	Sk Saheba Banu	7.91	3



## II YEAR – I SEM (2021-25)

Roll Number	Name	CGPA	Rank
21WH1A0481	K Rishitha	8.43	1
22WH5A0408	S Anmisha Nethra	8.29	2
22WH5A0410	P Swetha	8.29	2
21WH1A04C5	G Vennela	8.14	3
21WH1A0425	S Pradeepthi	8.00	4



### PREPARED AND EDITED BY

Dr.L.Bhargava Kumar, Asst. Professor, Dept. of ECE, BVRITH.

### STUDENT TEAM

G.Poojitha (22WH1A0474) & K.Sindu Sree (23WH5A0409)

### ACKNOWLEDGMENTS

TO  
ALL ECE DEPT. TEACHING  
AND NON-TEACHING STAFF.

